

(THREE-MILE BUTTES)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HODSDON FLATS QUADRANGLE
MONTANA—POWDER RIVER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-090
PLATE 39 OF 40

OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.

EXPLANATION



NON-FEDERAL COAL LAND— Land for which the
Federal Government does not own the coal rights.



BOUNDARY OF COAL 5 FEET OR MORE THICK—
Drawn along the outcrop of coal bed and/or the inferred
contact between burned and unburned coal, and/or the
5-foot coal isopach, and/or an insufficient data line.
Arrows point toward area of coal 5 feet or more thick.

POINT OF MEASUREMENT ON COAL BED

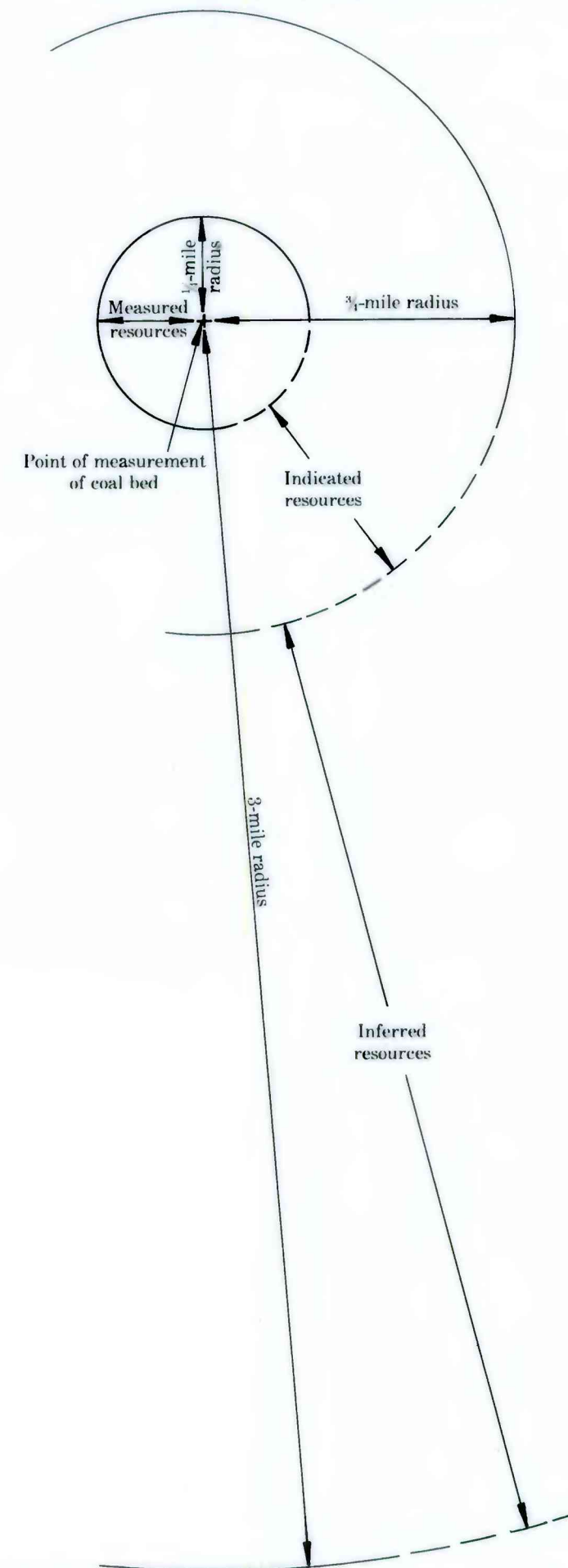


DIAGRAM SHOWING COMPONENT AREAS OF
IDENTIFIED COAL RESOURCES—Shows areate
boundary lines enclosing areas of measured, indicated,
and inferred coal resources. Boundaries of areas are
dashed where projected from an adjacent quadrangle.
Areas of measured, indicated, or inferred resources
may be present on this map without their outer
boundaries being shown. Coal resources beyond the
inferred category are hypothetical resources.

RB (Measured resources)
— (Indicated resources)
11.85 (Inferred resources)
0.96 HYP (Hypothetical resources)

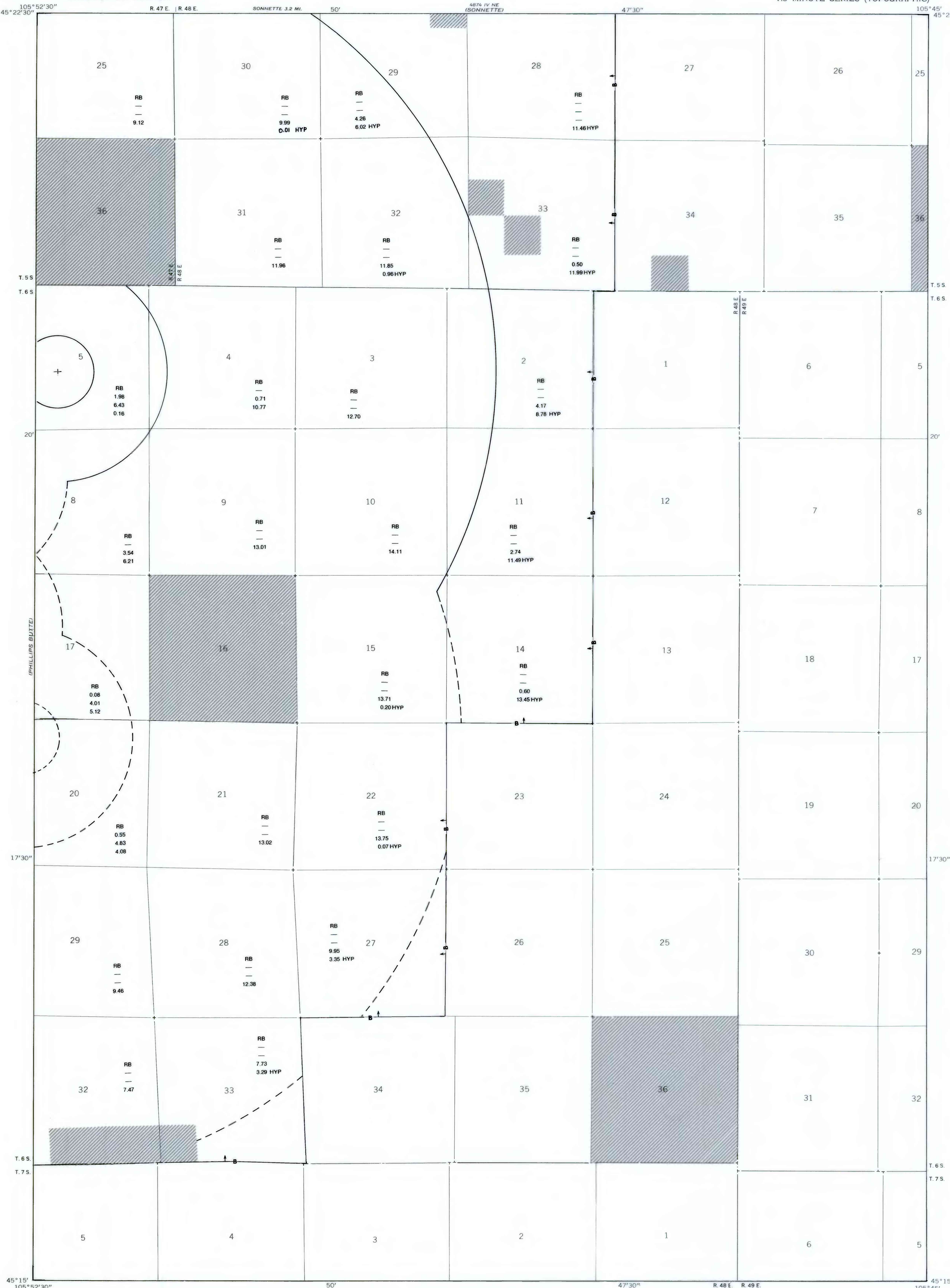
IDENTIFIED AND HYPOTHETICAL COAL
RESOURCES—Showing totals for Reserve Base (RB)
and Hypothetical (HYP) resources, in millions of short
tons, for each section or part(s) of a section of Federal
coal land outside the stripping-limit line. Dash indicates
no resources in that category.

NOTE: Recovery factors have not been established for
underground development of coal in this quadrangle.
Therefore, Reserves (R) were not calculated for the coal
bed in areas outside the stripping-limit line.

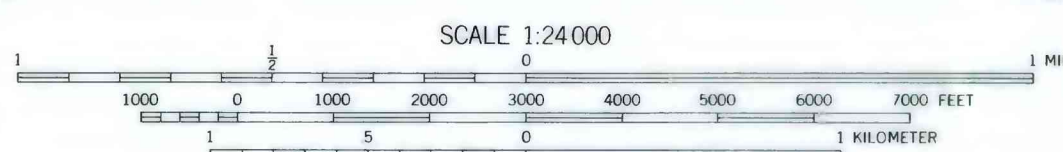
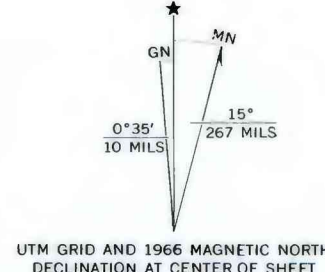
NOTE: No stripping-limit line is shown because there is more
than 500 feet of overburden above the Reserve Base coal.
To convert short tons to metric tons, multiply short tons by
0.9072.

To convert feet to meters, multiply feet by 0.3048.

To convert miles to kilometers, multiply miles by 1.61.



Base map from U.S. Geological Survey, 1966



Compiled in 1977



COAL RESOURCE OCCURRENCE MAP OF THE HODSDON FLATS QUADRANGLE,
POWDER RIVER COUNTY, MONTANA

BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979

PLATE 39

AREAL DISTRIBUTION AND TONNAGE MAP OF
IDENTIFIED AND HYPOTHETICAL RESOURCES
OF THE NANCE COAL BED